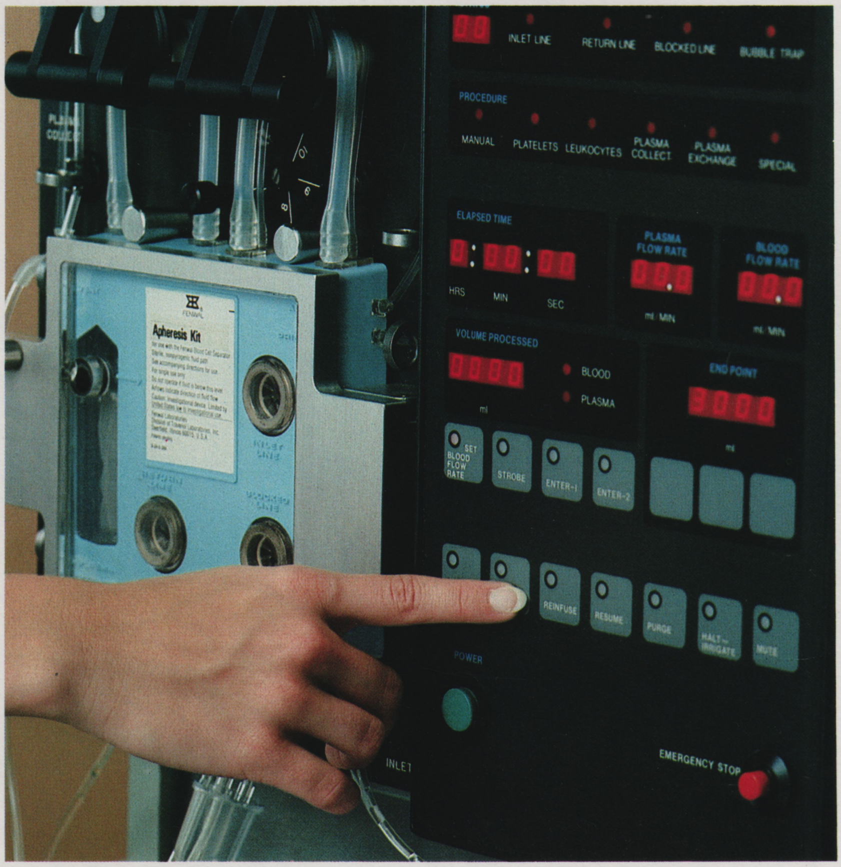
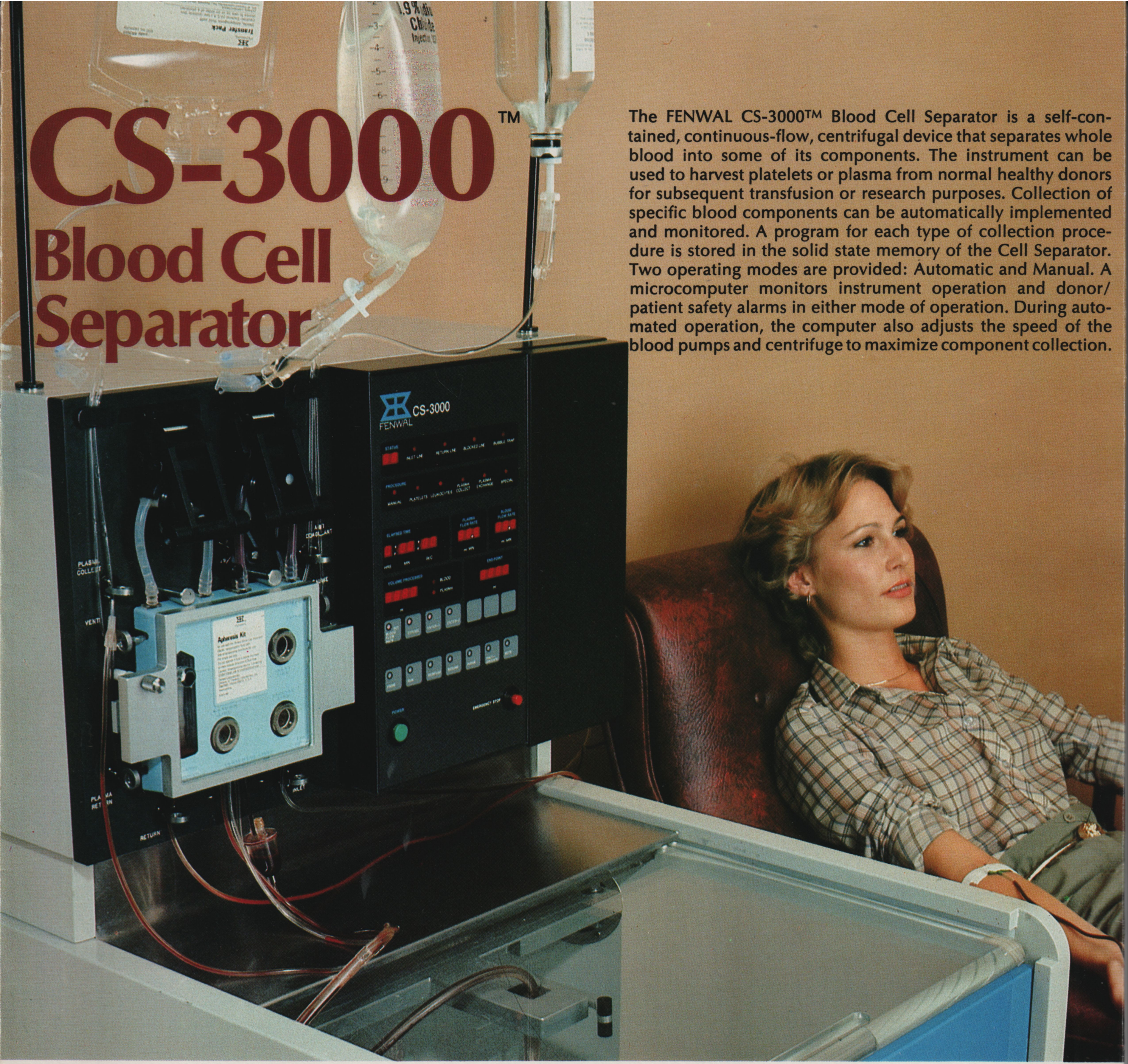
Now... Automatic specific component harvesting



in a closed sealless system

CS-3000™ Blood Cell Separator



The FENWAL CS-3000™ Blood Cell Separator is a self-contained, continuous-flow, centrifugal device that separates whole blood into some of its components. The instrument can be used to harvest platelets or plasma from normal healthy donors for subsequent transfusion or research purposes. Collection of specific blood components can be automatically implemented and monitored. A program for each type of collection procedure is stored in the solid state memory of the Cell Separator. Two operating modes are provided: Automatic and Manual. A microcomputer monitors instrument operation and donor/patient safety alarms in either mode of operation. During automated operation, the computer also adjusts the speed of the blood pumps and centrifuge to maximize component collection.

☐ Programmed automatic instrument shutdown under abnormal operating conditions to further assure donor/patient safety.

☐ Continuous flow, closed system without rotating seals to reduce the threat of contamination or leaks during collection.

☐ The potential for a totally closed system by attachment of ancillary processing solutions.

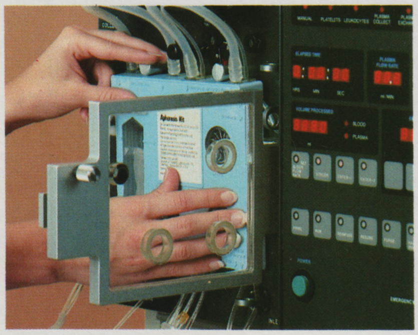
☐ Automated collection procedures to assure high component yields while minimizing operator time and involvement.

☐ Low extracorporeal volume to reduce risk of problems associated with donor hypovolemia.

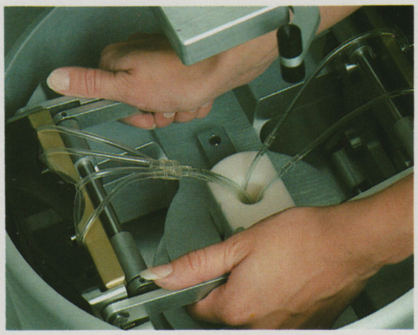
☐ Simplicity in setup and operation.

☐ Mobile unit designed for use in donor room or at patient's bedside.

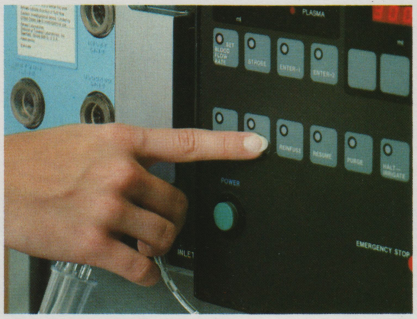
The Future is Now.



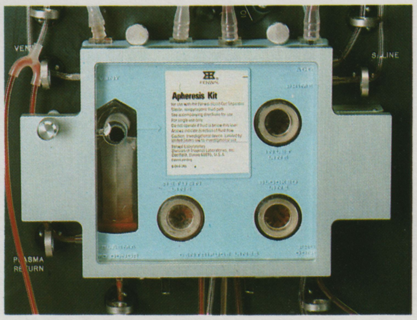
The ready-to-use, disposable Apheresis Kit fits easily into the CS-3000™ Separator. The monitor assembly shown here contains several safety and alarm monitoring systems.



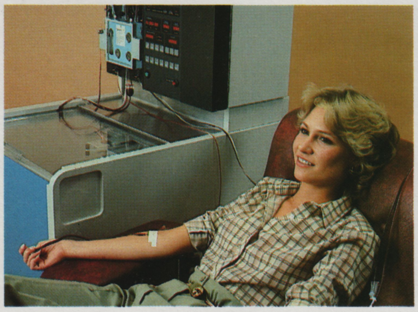
The collection and separation containers, which are part of the Apheresis Kit, are placed in their respective holders. The system can be automatically primed and the function of the various monitors and alarm systems is verified prior to each procedure.



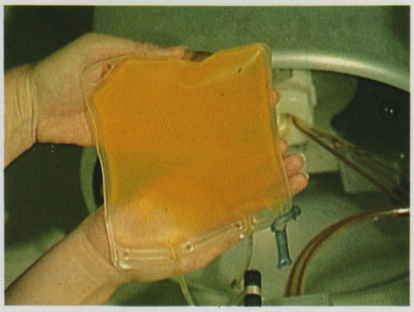
Blood processing is activated by the press of a button. Each collection procedure is carried out under microcomputer control. A manual mode of operation is available when desired.



During the procedure, the monitor assembly and microcomputer continuously check for abnormal conditions.

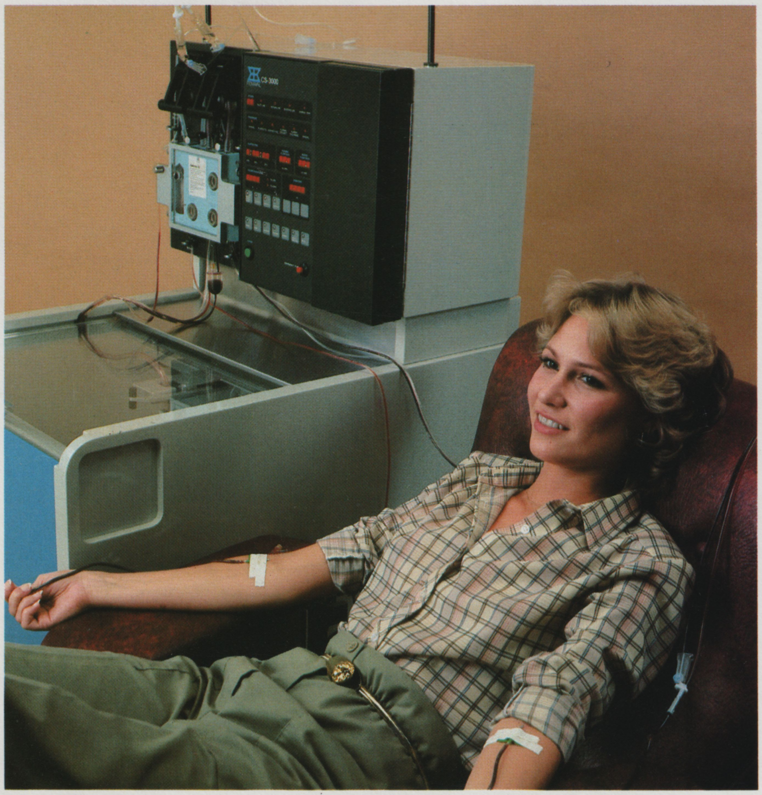


The continuous flow separation procedure is relatively rapid. As an example, the time required to harvest a therapeutic dose of platelets ranges from 90 to 120 minutes.



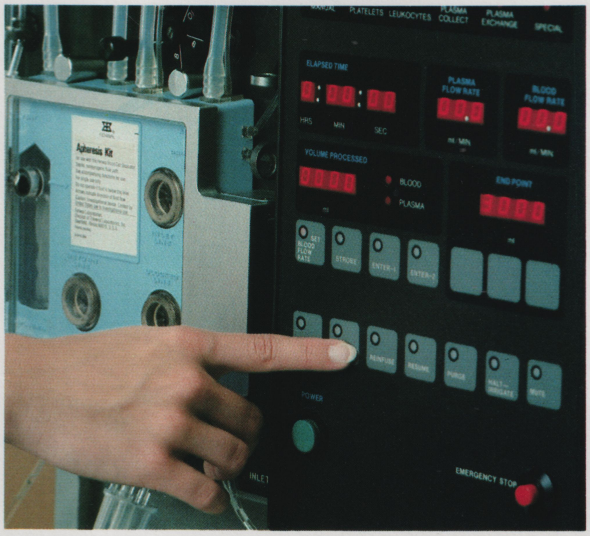
At the completion of the procedure, the collection container is removed from the Apheresis Kit. The collected component may then be stored or administered to the recipient directly from the collection container.

The CS-3000™ Blood Cell Separator



for today's blood banker and clinician

The CS-3000™



for today's blood banker and clinician

There are no known absolute contraindications for use of the CS-3000™ Separator to procure platelets or plasma from the blood of healthy normal donors. Platelets should not be harvested for subsequent transfusion if the donor has recently ingested aspirin or other drugs known to adversely affect platelet function.

Treatment of patients in hepatic coma or individuals with other diseases or abnormalities should be undertaken only under supervision of a qualified physician who has evaluated each patient and prescribed that use of the instrument is necessary.

Size	24″ Wide (60.9 cm)	38.5″ Depth (97.8 cm)	56″ High (142.2 cm)
Wt.	695 lbs.		

CS-3000™	4R4530	$27,500 each
Apheresis Kit	4R2210	$45.00/kit - 6 kits/case

FENWAL LABORATORIES
DIVISION OF TRAVENOL LABORATORIES, INC.
Deerfield, Illinois 60015

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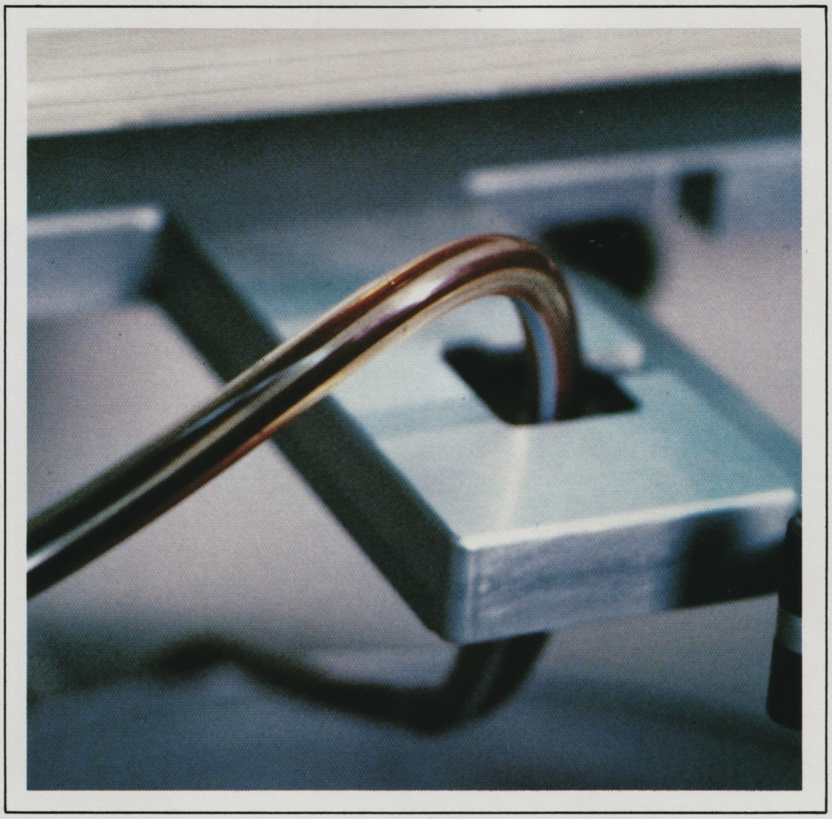
The Future is now...



from Fenwal®

No more rotating seals. Shown above is a close-up portion of the CS-3000™ disposable, sealless blood processing pathway installed in the centrifuge chamber. This unique configuration seemingly defies the laws of physics as it spins, at speeds up to 1400 revolutions per minute, without twisting or coiling while blood and components pass through its five-channel pathway.